Index of Claims

| Application No. | Applicant(s)  |  |
|-----------------|---------------|--|
| 09/766,324      | THOMAS ET AL. |  |
| Examiner        | Art Unit      |  |
| Beth Van Doren  | 3623          |  |

| √  | Rejected |  |
|----|----------|--|
| II | Allowed  |  |

| _ | (Through numeral) Cancelled |
|---|-----------------------------|
| ÷ | Restricted                  |

| N | Non-Elected  |  |
|---|--------------|--|
| ı | Interference |  |

| A | Appeal   |
|---|----------|
| o | Objected |

| CI    | aim      | Date     |         |   |   |           |   | :::::  | :::Claim Data |        |          |            |          |        |               |        |          |                 | Deta          |        |       |          |          |  |           |        |               |        |          |           |          |          |
|-------|----------|----------|---------|---|---|-----------|---|--------|---------------|--------|----------|------------|----------|--------|---------------|--------|----------|-----------------|---------------|--------|-------|----------|----------|--|-----------|--------|---------------|--------|----------|-----------|----------|----------|
|       |          | $\vdash$ | _       | _ | Т | טמני<br>T |   |        |               |        |          | Claim Date |          |        |               |        |          |                 |               |        |       | aim<br>I | Date     |  |           |        |               |        |          |           |          |          |
| Final | Original | 8/3/04   | 6/11/05 |   |   |           |   |        |               |        |          | Final      | Original | ,      |               |        |          |                 |               |        |       | Final    | Original |  |           |        |               |        |          |           |          |          |
|       | 1        | 1        | V       |   |   |           |   |        |               |        |          |            | 51       | $\Box$ | $\top$        |        |          |                 | 十             | $\top$ | 7:::: |          | 101      |  | П         |        |               | ·      | П        | $\sqcap$  | 一        | ヿ        |
|       | 2        | V        |         |   | Î |           | П | $\Box$ | $\neg$        | $\Box$ |          |            | 52       |        |               |        |          | T               | 十             | T      |       |          | 102      |  | П         | Г      |               |        |          | $\sqcap$  | $\dashv$ | ヿ        |
|       | 3        | 1        | 1       |   |   |           | П |        | 一             |        |          |            | 53       | П      | 7             |        |          |                 |               |        | 7     |          | 103      |  |           |        |               |        |          | П         | $\neg$   | $\neg$   |
|       | 4        | 4        | 1       |   |   |           | П |        |               |        |          |            | 54       | П      |               |        |          |                 |               |        |       |          | 104      |  | П         |        |               |        |          |           | $\neg$   | ヿ        |
|       | 5        | 1        | 1       |   |   |           |   |        | $\neg$        |        |          |            | 55       | $\Box$ |               | 十      |          | T               | 十             | 1      | 7     |          | 105      |  | П         |        |               |        |          | $\Box$    | $\neg$   | ヿ        |
|       | 6        | 1        | 1       |   | Ī |           | П |        |               |        |          |            | 56       | П      | $\neg$        | 1-     |          |                 | $\dashv$      |        |       |          | 106      |  | П         |        |               |        | $\vdash$ |           | $\neg$   |          |
|       | 7        | 4        | 1       |   |   |           |   |        | $\neg$        |        |          |            | 57       |        | T             | ╅      |          | T               | $\neg$        | $\neg$ |       |          | 107      |  |           |        |               |        |          | $\Box$    | $\neg$   |          |
|       | 8        | √        | ₹       |   |   |           | П | $\Box$ |               |        |          |            | 58       |        |               | 1      |          | $\neg$          | 一             |        | 7:::: |          | 108      |  |           |        |               | _      |          | 一         | $\dashv$ |          |
|       | 9        | √        | 1       |   |   |           | П |        | $\neg$        | $\neg$ |          |            | 59       |        |               |        |          |                 | $\neg$        | 1      |       |          | 109      |  |           |        |               |        |          | $\dashv$  | $\dashv$ |          |
|       | 10       | 4        | 1       |   |   |           | П |        |               |        |          |            | 60       | П      | $\neg$        | $\top$ |          |                 |               |        | 7     |          | 110      |  |           |        |               |        |          | $\Box$    | T        |          |
|       | 11       | 1        | 1       |   |   |           | П |        |               |        |          |            | 61       |        |               | $\top$ | T        |                 |               |        | 7     |          | 111      |  |           |        |               |        |          |           | 寸        |          |
|       | 12       | 4        | 1       |   |   |           | П |        | 乛             |        |          |            | 62       |        |               |        |          |                 |               |        | 7     |          | 112      |  |           |        |               |        | П        | $\Box$    | T        |          |
|       | 13       | √        | 4       |   |   |           |   |        |               |        |          |            | 63       |        |               |        |          |                 | T             |        | 7     |          | 113      |  |           |        |               |        |          | ヿ         | 寸        | T        |
|       | 14       | 1        | 1       |   |   |           |   |        | П             | $\Box$ |          |            | 64       |        |               |        |          |                 | $\neg$        |        | 7     |          | 114      |  |           |        |               |        |          |           | $\neg$   | _        |
|       | 15       | 4        | 1       |   |   |           |   |        |               |        |          |            | 65       |        |               |        | 1        |                 |               |        | T     |          | 115      |  |           |        | $\overline{}$ |        | П        |           | $\dashv$ |          |
|       | 16       | V        | 1       |   |   |           |   |        | T             |        |          |            | 66       |        |               | Ť      |          |                 | ****          | $\neg$ | ┨     |          | 116      |  | П         |        |               |        |          | コ         | $\neg$   | $\neg$   |
|       | 17       | 1        | 1       |   |   |           |   |        |               |        |          |            | 67       |        |               |        | M        |                 | $\neg \vdash$ |        | 7     |          | 117      |  |           |        |               |        |          | $\neg$    | $\dashv$ | $\neg$   |
|       | 18       | 1        |         |   |   |           |   |        | Ī             |        |          |            | 68       |        | $\neg$        | T      | $\sqcap$ |                 | Τİ            |        | ١     |          | 118      |  |           |        |               |        |          | 一         | $\neg$   | $\dashv$ |
|       | 19       | 1        |         |   |   |           |   |        | T             |        |          |            | 69       |        |               |        | П        |                 |               | $\top$ | 7     |          | 119      |  |           |        |               |        |          | コ         | $\neg$   | $\neg$   |
|       | 20       | √        |         |   |   |           |   |        | П             |        |          |            | 70       |        |               |        | П        |                 |               |        | 7     |          | 120      |  |           |        |               |        |          | $\neg$    | $\dashv$ | $\neg$   |
|       | 21       | 1        |         |   |   |           |   |        | П             |        |          |            | 71       | M      | $\neg$        |        | П        |                 |               | 十      | 7     |          | 121      |  |           |        |               |        |          | 一         | $\dashv$ | $\neg$   |
|       | 22       | 1        |         |   |   |           |   | П      | $\neg$        |        |          |            | 72       |        | $\top$        |        |          |                 |               |        | 7     |          | 122      |  |           |        |               |        |          | 一         | $\dashv$ | $\neg$   |
|       | 23       | 1        |         |   |   |           |   |        |               |        |          |            | 73       |        | $\neg$        | 1      | $\top$   |                 | - †-          | 1      | 7     |          | 123      |  |           |        |               |        | П        | 一         | $\dashv$ | $\neg$   |
|       | 24       |          |         |   |   |           | T |        |               |        |          |            | 74       |        |               | 1      | $\Box$   |                 | T             | 十      | ٦     |          | 124      |  | Ħ         |        | _             |        |          | $\dashv$  | 一        | $\dashv$ |
|       | 25       |          |         |   | Π |           |   |        | $\neg$        |        |          |            | 75       | П      | $\neg$        |        |          |                 |               |        | 7     |          | 125      |  | П         |        |               |        |          | 寸         | 寸        | $\neg$   |
|       | 26       |          |         |   |   |           |   |        | 寸             |        |          |            | 76       |        |               |        | П        |                 | Ī             | _      | 7:::: |          | 126      |  | П         |        | _             |        | П        | 寸         | $\dashv$ | $\neg$   |
|       | 27       |          |         |   |   |           |   |        |               |        |          |            | 77       |        | T             | 1-     | $\Box$   | $\neg$          |               | _      | 7     |          | 127      |  |           |        | _             |        |          | T         | 寸        | ┪        |
|       | 28       |          |         |   |   |           |   |        | T             |        |          |            | 78       |        | $\top$        | 1      |          |                 |               | 十      | 7     |          | 128      |  |           |        |               |        |          | $\dashv$  | ヿ        | $\dashv$ |
|       | 29       |          |         |   |   |           |   |        |               |        |          |            | 79       | П      | $\neg$        |        |          |                 |               | $\top$ | 7     |          | 129      |  |           |        |               |        | П        | $\exists$ | 寸        | ヿ        |
|       | 30       |          |         |   |   |           |   |        | T             |        |          |            | 80       |        |               | $\top$ |          |                 |               | 1      | 7     |          | 130      |  | П         |        |               |        |          | 一         | $\dashv$ | ┪        |
|       | 31       |          |         |   |   |           |   |        |               |        |          |            | 81       |        |               | $\top$ |          |                 |               | $\neg$ | 7     |          | 131      |  |           |        |               |        |          | $\neg$    | 7        | $\dashv$ |
|       | 32       |          |         |   |   |           |   |        |               |        |          |            | 82       | П      | $\top$        |        | П        |                 |               | $\top$ | 1     |          | 132      |  |           |        |               |        |          |           | $\dashv$ | ╛        |
|       | 33       |          |         |   | Г |           |   |        |               |        |          |            | 83       | П      | $\neg$        |        | П        | $\neg \uparrow$ |               |        | 1     |          | 133      |  |           |        |               |        |          | 一         | ヿ        | ┪        |
|       | 34       |          |         |   |   |           |   |        |               | $\neg$ |          |            | 84       | П      |               |        | П        |                 | Τİ            | T      | 7     |          | 134      |  |           |        |               |        |          | 一         | ヿ        | 目        |
|       | 35       |          |         |   |   |           |   |        |               |        |          |            | 85       | П      | $\neg$        |        | $\sqcap$ | T               | $\neg$        | 丅      | 7     |          | 135      |  |           |        |               |        | $\neg$   | T         | ヿ        | ヿ        |
|       | 36       |          |         |   |   |           |   |        |               |        |          |            | 86       | П      | $\neg \vdash$ |        | П        | T               |               | $\top$ | 7     |          | 136      |  |           |        |               |        |          | $\neg$    | ヿ        | ヿ        |
|       | 37       |          |         |   |   |           |   |        |               | ]      |          |            | 87       |        | П             | T      | П        | $\neg$          |               | $\top$ | 7     |          | 137      |  |           |        |               |        |          |           | ヿ        | ヿ        |
|       | 38       |          |         |   |   |           |   |        |               |        |          |            | 88       | П      | $\neg$        | T      | П        | T               |               |        | 7     |          | 138      |  |           |        |               |        |          |           | 一        |          |
|       | 39       |          |         |   |   |           |   |        | $\cdot \top$  |        |          |            | 89       | П      |               |        | П        |                 | $\top$        |        | 7     |          | 139      |  |           | $\neg$ |               |        |          | $\Box$    | 寸        |          |
|       | 40       |          |         |   |   |           |   |        |               |        |          |            | 90       | П      |               | $\neg$ | $\Box$   | $\neg$          |               |        | 7     |          | 140      |  |           |        |               |        |          | T         | 寸        | $\neg$   |
|       | 41       |          |         |   |   |           |   |        |               |        |          |            | 91       |        |               | 1      |          |                 |               |        | 7     |          | 141      |  | $\sqcap$  |        |               |        | $\Box$   | 寸         | $\dashv$ | $\dashv$ |
|       | 42       |          |         |   |   |           |   |        |               |        |          |            | 92       |        |               |        |          |                 |               | $\top$ | 7     |          | 142      |  |           |        |               |        |          | $\dashv$  | $\dashv$ | ヿ        |
|       | 43       |          |         |   |   |           |   |        | $\Box$        | $\Box$ |          |            | 93       |        |               |        | П        | $\neg$          |               | $\top$ | 7     |          | 143      |  | $\Box$    |        |               |        | $\Box$   | 寸         | $\dashv$ | $\dashv$ |
|       | 44       |          |         |   |   |           |   |        |               |        |          |            | 94       |        |               | T      |          | 寸               |               | Τ      | 7     |          | 144      |  |           |        |               |        |          | $\dashv$  | $\dashv$ | $\neg$   |
|       | 45       |          |         |   |   |           |   |        |               |        |          |            | 95       | П      | $\neg \vdash$ | T      |          | $\neg$          | $\dashv$      | $\top$ | 7     |          | 145      |  |           |        |               |        |          | $\dashv$  | $\dashv$ | $\neg$   |
|       | 46       |          |         |   |   | $\Box$    |   |        | $\Box$        |        |          |            | 96       |        |               |        | П        | $\dashv$        | $\dashv$      | $\top$ | 7     |          | 146      |  |           |        |               |        |          | 7         | ┪        | $\dashv$ |
|       | 47       |          |         |   |   |           |   | T      | ╗             |        |          |            | 97       | $\Box$ |               | 1      | П        | 7               | $\dashv$      | Т      | 7     |          | 147      |  |           |        |               | $\neg$ | $\neg$   | $\dashv$  | $\dashv$ | $\dashv$ |
|       | 48       |          |         |   |   |           |   |        |               |        |          |            | 98       |        |               | T      | П        | $\dashv$        | $\neg$        | T      | 7     |          | 148      |  | $\Box$    |        |               |        |          | $\dashv$  | $\dashv$ | $\dashv$ |
|       | 49       |          |         |   |   |           |   |        | 丁             |        | <b>.</b> |            | 99       |        | 1             | T      |          | 寸               | 7             | T      | ا!!!! |          | 149      |  | $\Box$    |        |               |        |          | $\dashv$  | $\dashv$ | $\neg$   |
|       | 50       |          |         |   |   |           |   |        | $\neg$        |        |          |            | 100      |        | 丁             |        | $\Box$   |                 |               | T      | ١!!!  |          | 150      |  | $\exists$ | T      |               |        |          | $\dashv$  | $\dashv$ | T        |